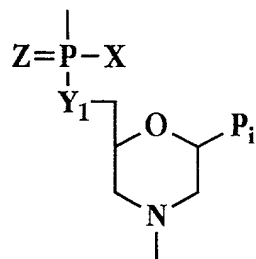
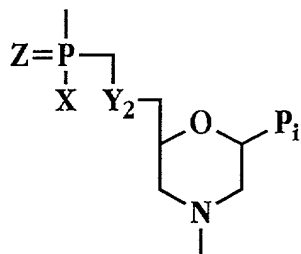


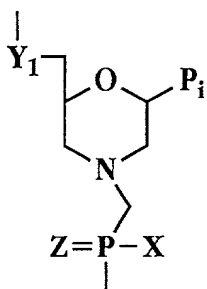
**Fig. 1A**



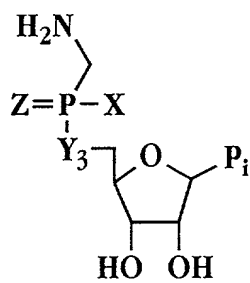
**Fig. 1B**



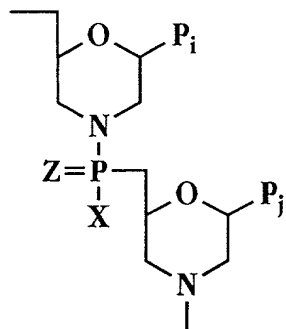
**Fig. 1C**



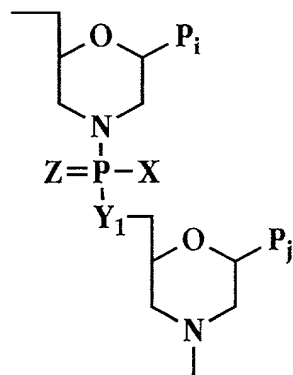
**Fig. 1D**



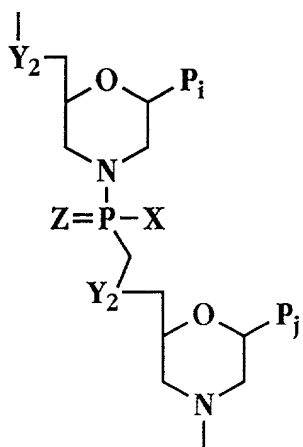
**Fig. 1E**



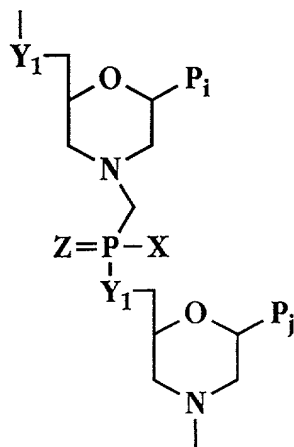
**Fig. 2A-A**



**Fig. 2B-B**



**Fig. 2C-C**



**Fig. 2D-D/E-E**

TGCAACTCCCCGTAGCAGCG	charged
-----	
ACGTTGAGGGGCATCGTCGC	uncharged
TGCAACTCCCCGTAGCAGCG	charged
-----	
ACGTTGAGGGGCATCGTC	uncharged
TGCAACTCCCCGTAGCAGCG	charged
-----	
ACGTTGAGGGGCATCG	uncharged
TGCAACTCCCCGTAGCAGCG	charged
-----	
ACGTTGAGGGGCAT	uncharged
TGCAACTCCCCGTAGCAGCG	charged
-----	
GTTGAGGGGCAT	uncharged
TGCAACTCCCCGTAGCAGCG	charged
-----	
TGAGGGGCATCGTCGC	uncharged

**Fig. 3**

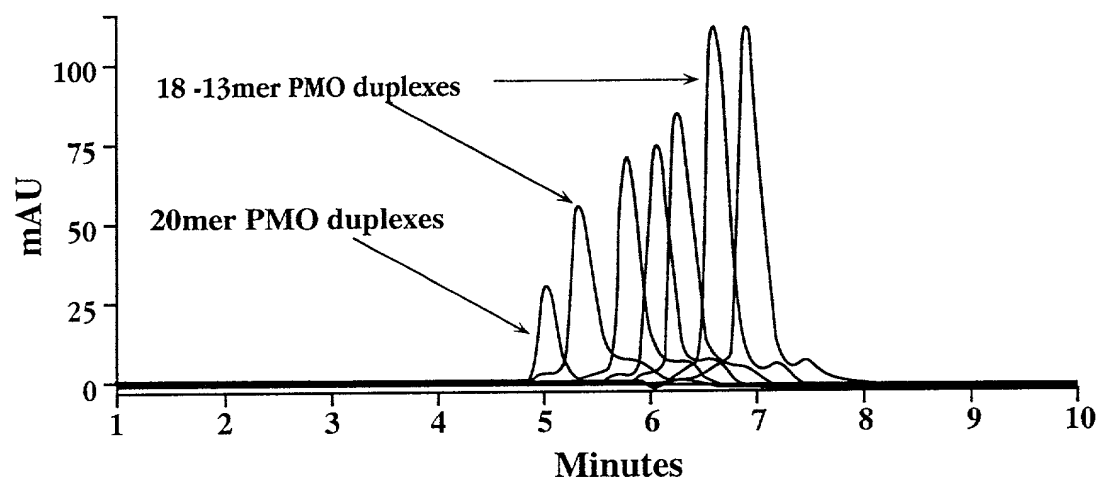
CCCGTAGCAGCGNNNN	charged
ACGTTGAGGGGCATCGTCGC	uncharged
CCCGTAGCAGCGNNNN	charged
ACGTTGAGGGGCATCGTC	uncharged
CCCGTAGCAGCGNNNN	charged
ACGTTGAGGGGCATCG	uncharged

[NNNN is optional]

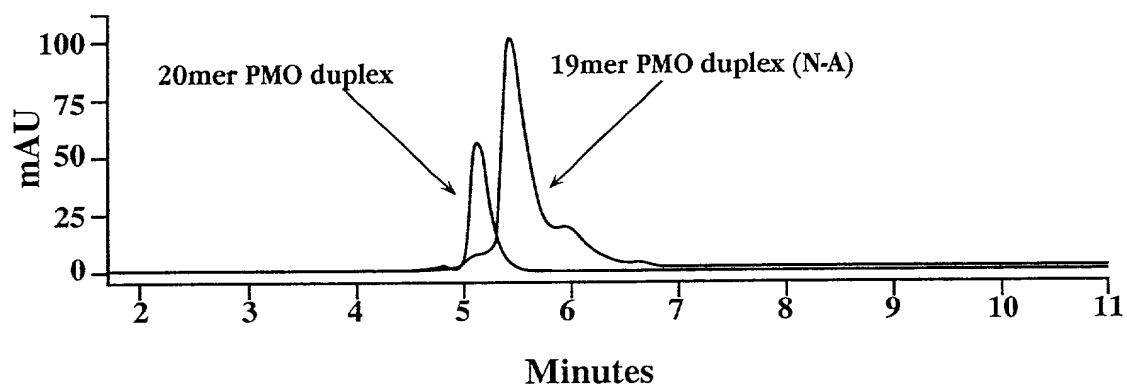
**Fig. 4A**

CCGTAGCAGC	charged
ACGTTGAGGGGCATCGTCGC	uncharged
CCGTAGAGC	charged
ACGTTGAGGGGCATCTCGC	uncharged

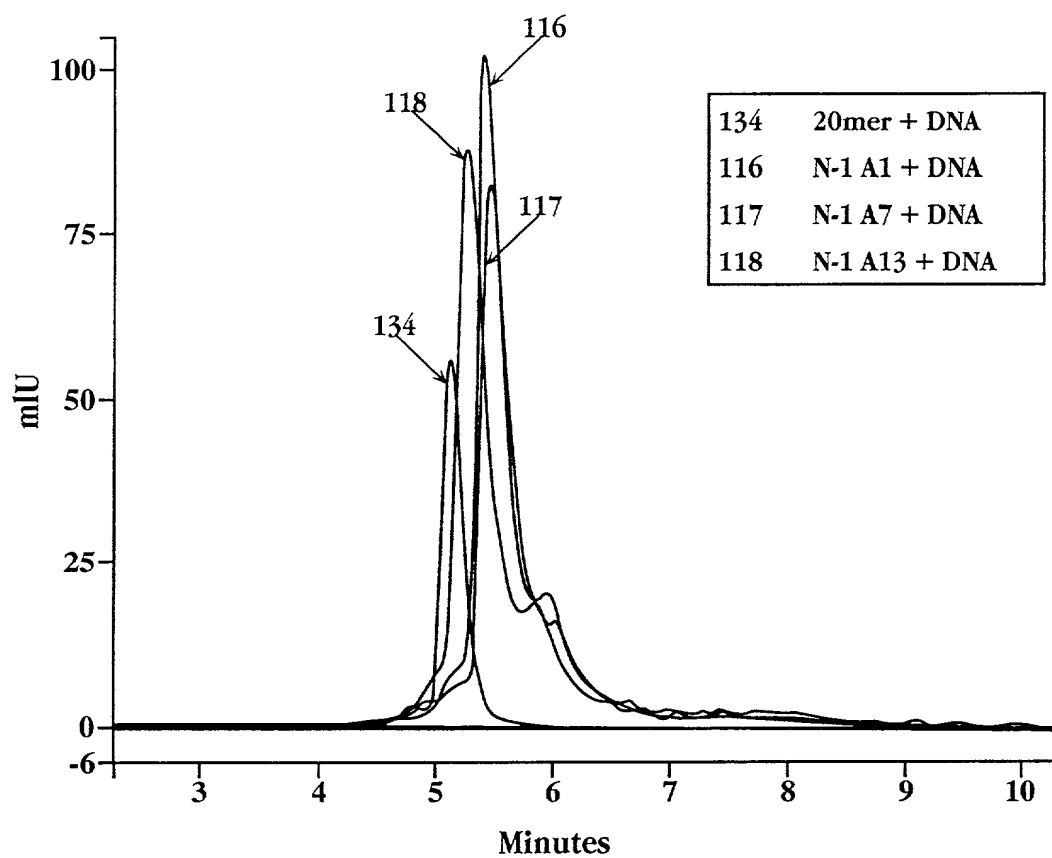
**Fig. 4B**



**Fig. 5A**

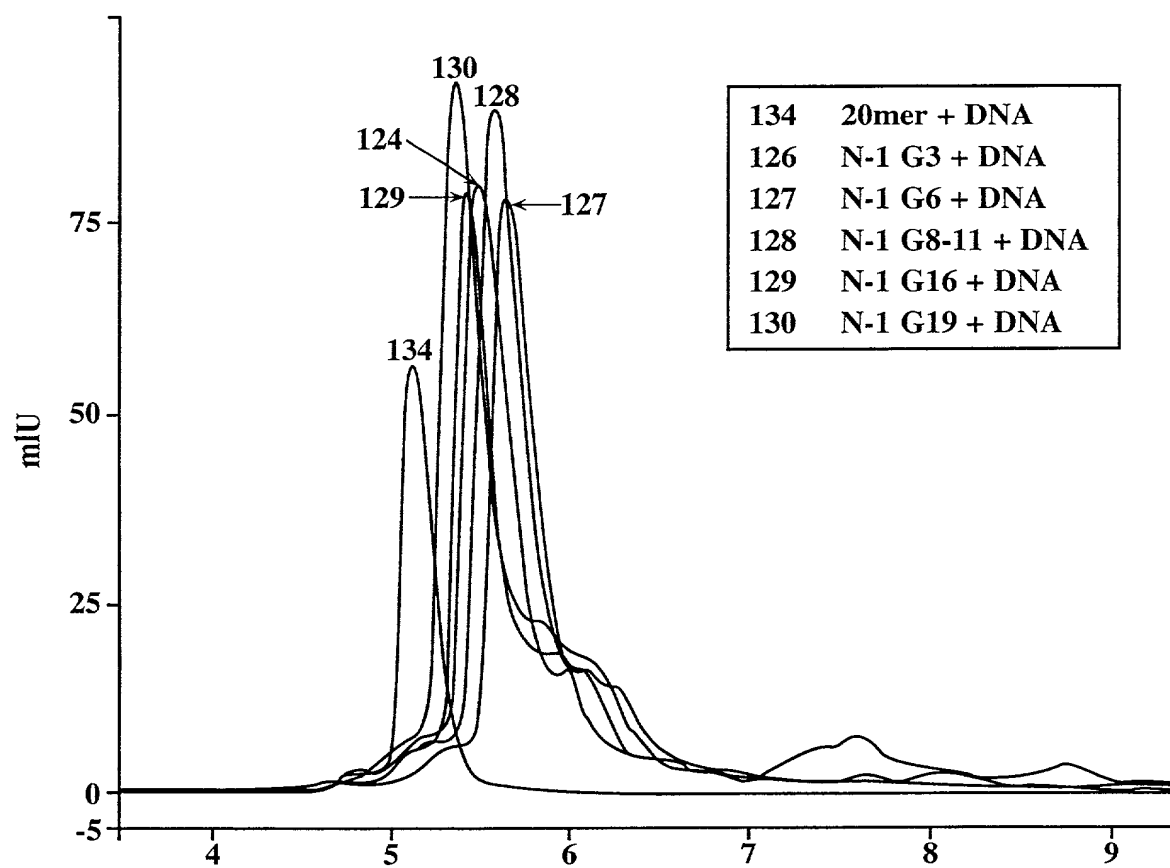


**Fig. 5B**



**Fig. 6**

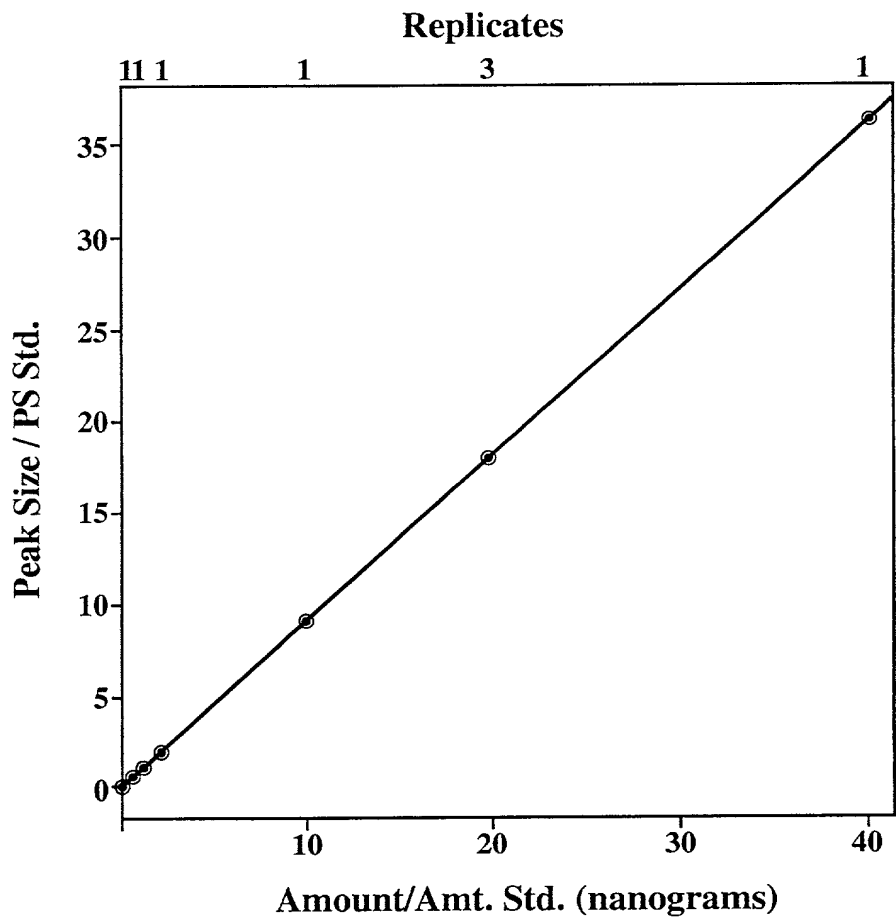




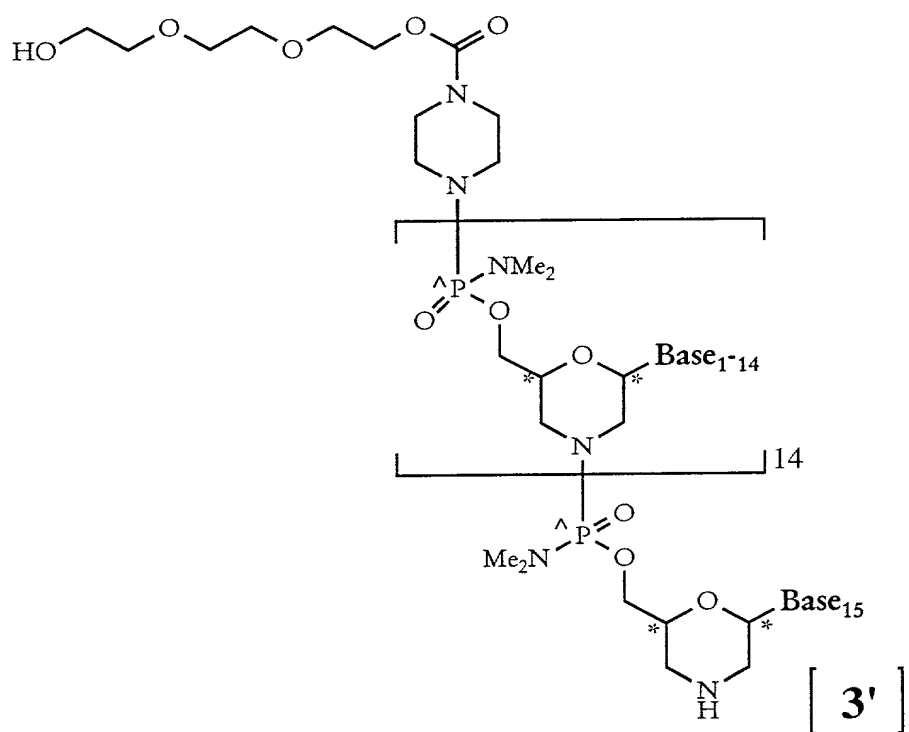
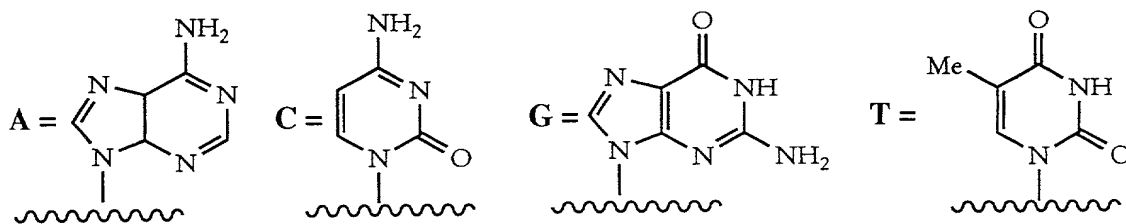
**Fig. 8**





[illegible]

**Fig. 10**


$$\text{Base}_{1-15} = \text{GAGGGGCATCGTCGC} (5' \longrightarrow 3')$$


**Fig. 11**

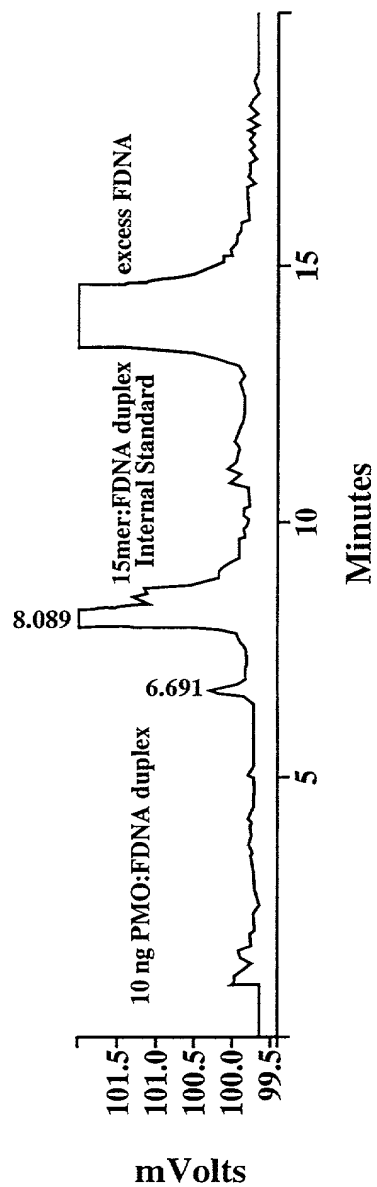


Fig. 12